AIRPORT DIRECTORY - WASHINGTON AREA

CITY	AIRPORT	NORTH	EAST	ALT.	F (Fuel)	ILS (Rwy/Freq)
Atlantic City	Atlantic City Int'l	16507	20982	76	*	
Baltimore	Washington Int'l	16296	20300	146		111.7/33L
Baltimore	Martin State	16367	20376	24		
Berlin	Camden-Burlington Co.	16650	20854	138		
Cambridge	Cambridge-Dorchester	16050	20550	20		
Dover-Cheswold	Delaware Airpark	16362	20663	56		
Elizabeth City	Elizabeth City	15055	20632	12		
Emporia	Emporia Muni	15197	20146	126		
Frederick	Frederick Muni	16366	20052	305		
Georgetown	Sussex Co.	16141	20770	51		
Lancaster	Lancaster	16714	20374	403		
Manassas	Manassas	16063	20046	193		
Midland	Warrenton-Fauquier	16000	19984	325		
Newport News	Langley AFB	15406	20519	11		
Newport News	Patrick Henry Int'l	15419	20469	43	*	
Norfolk	Chambers Field	15347	20553	27		
Norfolk	Norfolk Int'l	15333	20584	27		109.1/23
Orange	Orange Co.	15840	19878	454		
Petersburg	Petersburg Muni	15398	20117	194		
Philadelphia	Philadelphia Int'l	16651	20733	21	*	109.3/9R
ATIS 133.40						
Philadelphia	Northeast Philadelphia	16751	20801	121	*	
Richmond	Byrd Int'l	15549	20169	168		110.7/16
ATIS 119.15						
Salisbury	Salisbury-Wicomico Co.	15985	20741	51		108.7/32
Suffolk	Suffolk	15226	20456	72		
Trenton	Mercer Co.	16849	20854	213		
Virginia Beach	Oceana NAS	15307	20649	22		
Washington	Andrews AFB	16127	20255	281		
Washington	Washington Int'l	16135	20192	16		
Washington	Dulles Int'l	16163	20055	313	*	110.1/1R
ATIS 134.85						
Wilmington	Greater Wilmington-New Castle Co.	16552	20627	80	*	
Woodbridge	Woodbridge	16058	20109	276		
York	York	16601	20199	486		

LEGEND

Civil-Public use airport

® Restricted/Private-Nonpublic use airport, having emergency use or landmark value

SANTA MONICA — Airport Name
ATIS 119.15 — Advisory Frequency (if available)
175-50 — Elevation (feet) — Length (hundreds of feet)

NAME / FREQUENCY — VOR

NAME / FREQUENCY — VORTAC (Distance Measuring Equipment Able)

NAME / FREQUENCY — VOR/DME

NAME / FREQUENCY — Non Directional Beacon

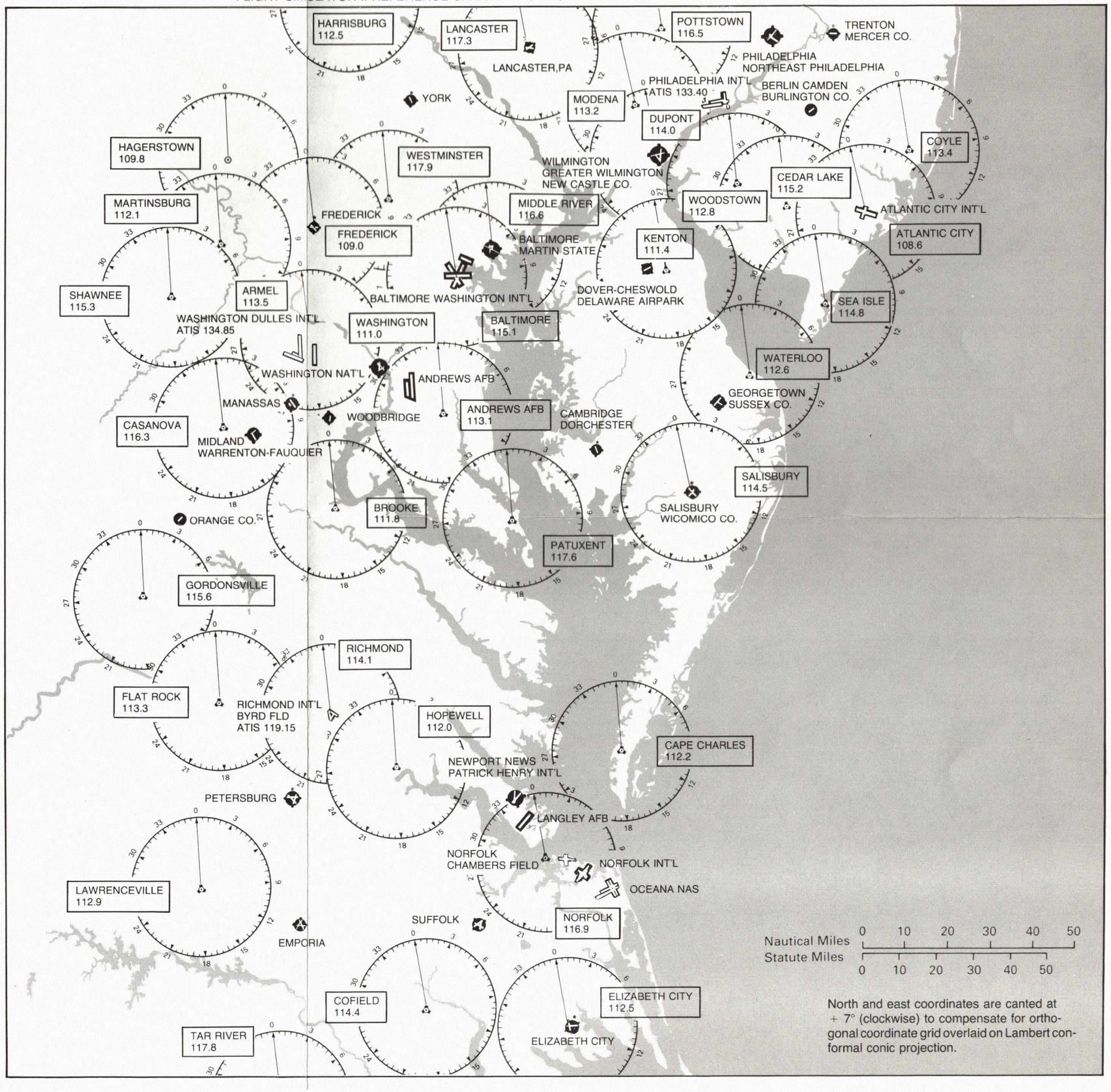
VOR/DME / NAME / FREQUENCY — If VOR falls directly on an airport, only the airport symbol will be shown. The VOR facility type is shown at the top of the box.

AIRPORT NAME ABBREVIATIONS

CO	County
FLD	Field
INTL	International
MUNI	Municipal
(PVT)	Private Airport (prior permission before landing)

WASHINGTON AREA CHART

FLIGHT SIMULATOR II REFERENCE CHART. NOT TO BE USED FOR REAL WORLD AERIAL NAVIGATION.



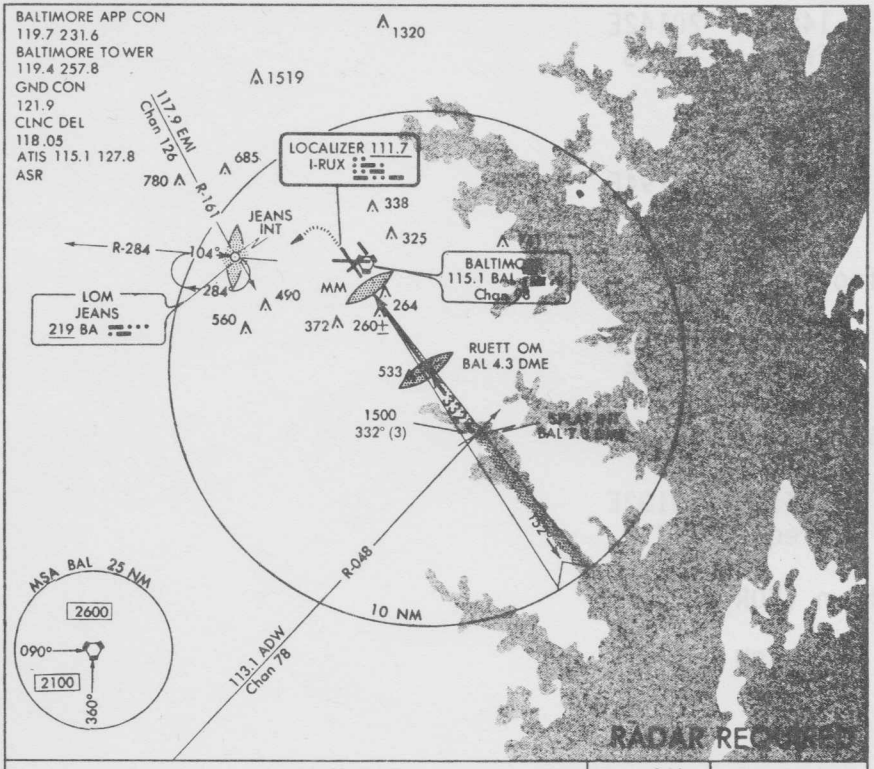
North and east coordinates are canted at + 7° (clockwise) to compensate for orthogonal coordinate grid overlaid on Lambert conformal conic projection.

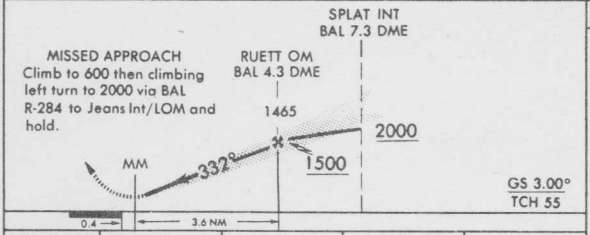
Amdt 3

ILS RWY 33L

AL-804 (FAA)

BALTIMORE-WASHINGTON INTL (BWI)
BALTIMORE, MARYLAND





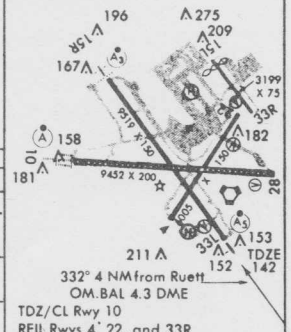
CATEGORY	A	B	C	D
S-ILS 33L	342-½ 200 (200-½)			
S-LOC 33L	520-½ 378 (400-½)			520-¾ 378 (400-¾)
CIRCLING	640-1 494 (500-1)		640-1½ 494 (500-1½)	760-2 614 (700-2)

CAT D S-LOC visibility increased ¼ mile for inoperative MM.

▽
△

ELEV 146 | Rwy 15L ldg 2659'

MIRL Rwy 15L-33R



TDZ/CL Rwy 10
REIL Rwys 4, 22, and 33R
HIRL Rwys 10-28, 15R-33L and 4-22

FAF to MAP 4 NM

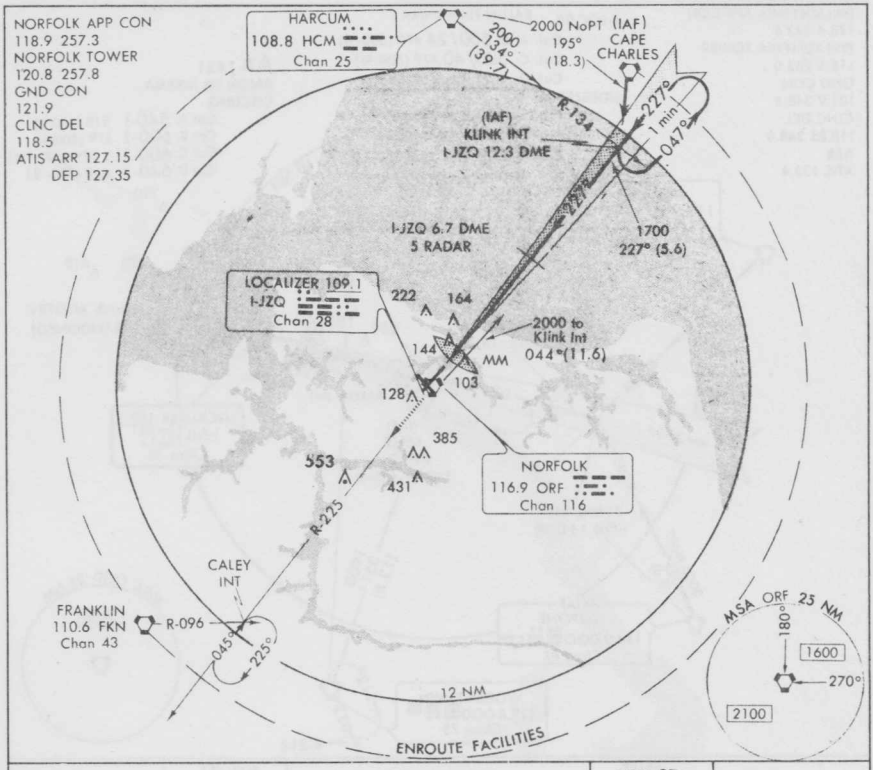
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

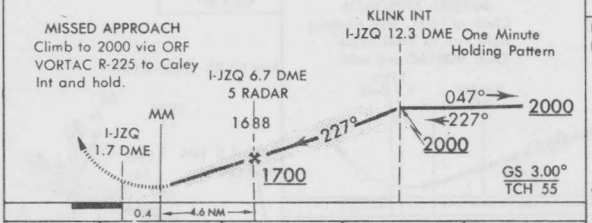
Amdt 4

ILS RWY 23

AL-291 (FAA)

NORFOLK INTERNATIONAL (ORF)
NORFOLK, VIRGINIA





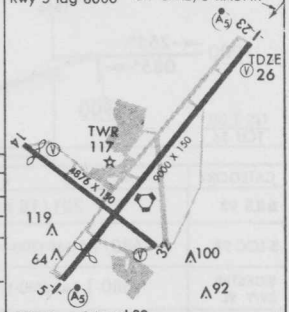
CATEGORY	A	B	C	D
S-ILS 23	321-¾ 295 (300-¾)			
S-LOC 23	400-¾ 374 (400-¾)			
CIRCLING	460-1 433 (500-1)	480-1 453 (500-1)	540-1½ 513 (600-1½)	580-2 553 (600-2)

DME or radar required.
Inoperative table does not apply.
S-LOC Cats. A, B, C, increase visibilities ¼ mile, Cat D ½ mile, for inoperative MALSR.
S-LOC Cat. D increase visibility ¼ mile for inoperative MM.

ELEV 27

Rwy 14 ldg 4664'
Rwy 5 ldg 8000'

227° 5 NM from I-JZQ 6.7 DME/5 RADAR



REIL Rwys 14 and 32
HIRL Rwy 5-23
MIRL Rwy 14-32

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

ILS RWY 23

36°54'N – 76°12'W

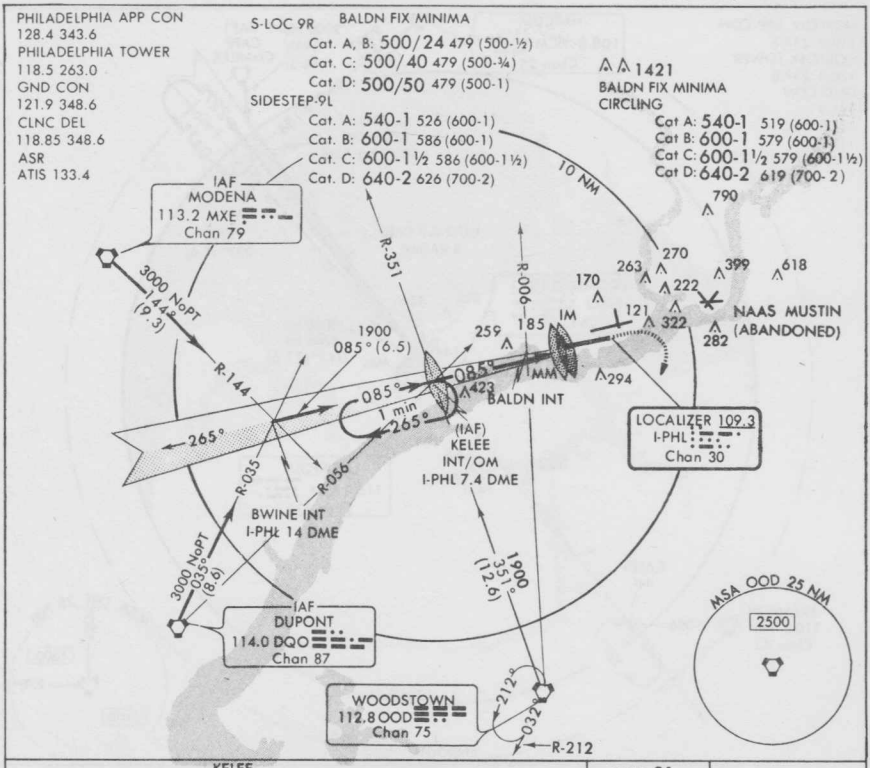
NORFOLK, VIRGINIA
NORFOLK INTERNATIONAL (ORF)

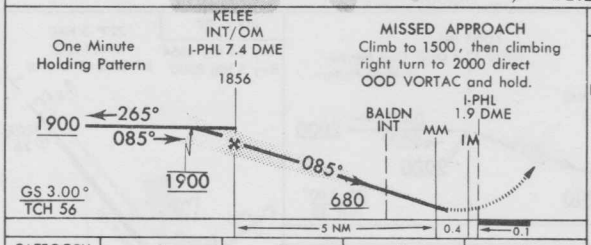
Amdt 5

ILS RWY 9R

AL-320 (FAA)

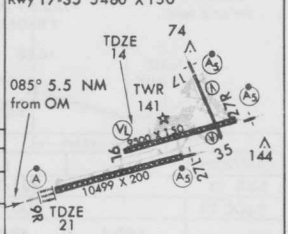
PHILADELPHIA INTERNATIONAL (PHL)
PHILADELPHIA, PENNSYLVANIA





MISSED APPROACH
Climb to 1500, then climbing right turn to 2000 direct OOD VORTAC and hold.

ELEV 21



CATEGORY	A	B	C	D
S-ILS 9R	221/18 200 (200-½)			221/20 200 (200-½)
S-LOC 9R	680/24 659 (700-½)		680/60 659 (700-1¼)	680-1½ 659 (700-1½)
SIDESTEP RWY 9L	680-1 666 (700-1)		680-1¾ 666 (700-1¾)	680-2 666 (700-2)
CIRCLING	680-1 659 (700-1)		680-1¾ 659 (700-1¾)	680-2 659 (700-2)

REIL Rwys 9L and 35
TDZ/CL Rwy 9R
HIRL Rwys 9L-27R, 9R-27L and 17-35

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

ILS RWY 9R

39°52'N – 75°15'W

PHILADELPHIA, PENNSYLVANIA
PHILADELPHIA INTERNATIONAL (PHL)

Amdt 6

ILS RWY 16

AL-347 (FAA)

RICHMOND INTL (BYRD FIELD) (RIC)
RICHMOND, VIRGINIA

RICHMOND APP CON
119.9 307.2
RICHMOND TOWER
121.1 257.8
GND CON
121.9 348.6
CLNC DEL
127.55
ASR
ATIS * 119.15

ENROUTE FACILITIES

MSA RIC 25 NM
180°
2600
1600
360°

10 NM

336°
201°
021°
156°
(IAF)
REGIS
INT/OM

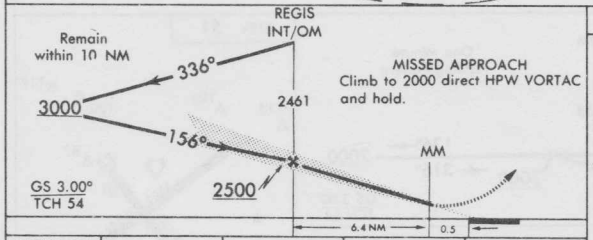
3000
082°(21)
R-082
156°
1049
R-339
3000 to
Regis Int/OM
339° (7.7)
MM
313±
310
1003

LOCALIZER 110.7
I-RGJ

FLAT ROCK
113.3 FAK
Chan 80

RICHMOND
114.1 RIC
Chan 88

R-025
205°
025°
HOPEWELL
112.0 HPW
Chan 57

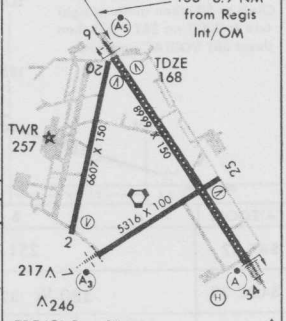


MISSED APPROACH
Climb to 2000 direct HPW VORTAC and hold.

CATEGORY	A	B	C	D
S-ILS 16		368/24 200 (200-½)		
S-LOC 16	740/24 572 (600-½)		740/50 572 (600-1)	740/60 572 (600-1¼)
CIRCLING	740-1 572 (600-1)		740-1½ 572 (600-1½)	740-2 572 (600-2)

ELEV 168

156° 6.9 NM from Regis Int/OM



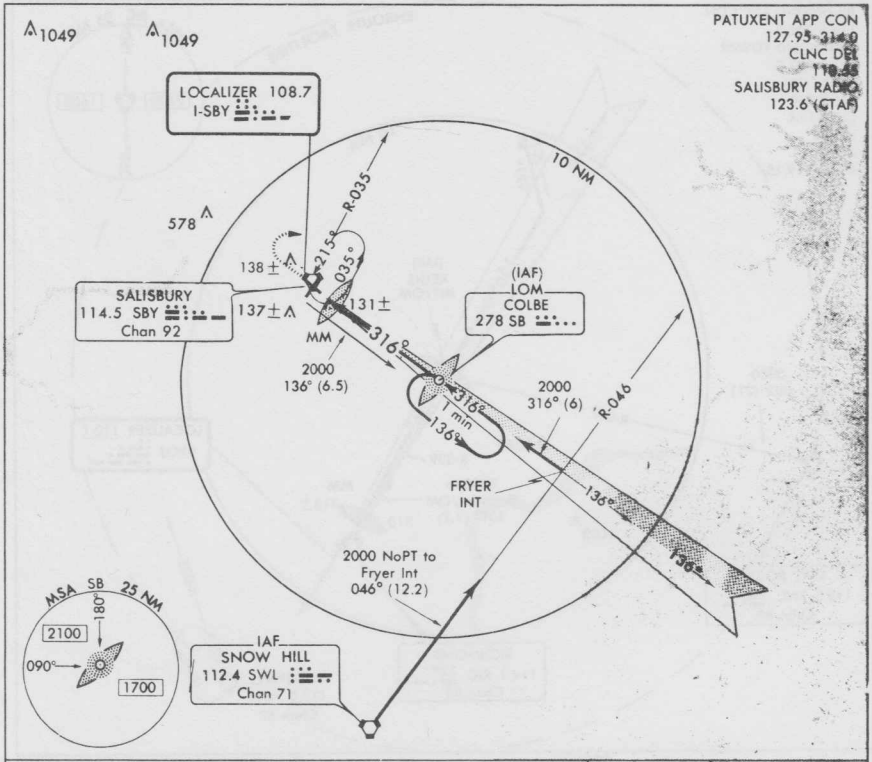
TDZ/CL Rwy 34
HIRL Rwys 7-25 and 16-34
MIRL Rwy 2-20
REIL Rwys 2 and 20

FAF to MAP 6.9 NM					
Knots	60	90	120	150	180
Min:Sec	6:54	4:36	3:27	2:46	2:18

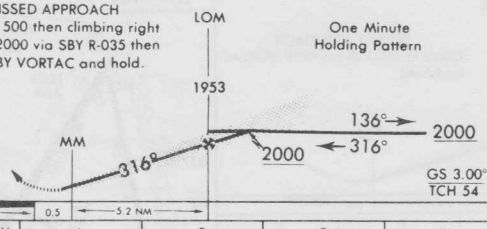
Amdt 4

ILS RWY 32

SALISBURY-WICOMICO COUNTY REGIONAL (SBY)
AL-977 (FAA)
SALISBURY, MARYLAND



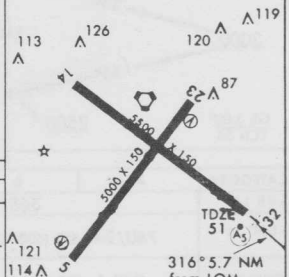
MISSED APPROACH
Climb to 500 then climbing right turn to 2000 via SBY R-035 then direct SBY VORTAC and hold.



CATEGORY	A	B	C	D
S-ILS 32	251-½ 200 (200-½)			
S-LOC 32	380-½ 329 (400-½)			380-¾ 329 (400-¾)
CIRCLING	440-1 389 (400-1)	520-1 469 (500-1)	520-1½ 469 (500-1½)	620-2 569 (600-2)

Cat. D S-LOC visibility increased ¼ mile for inoperative MALSR or MM.

ELEV 51



REIL Rwys 5,14 and 23
MIRL Rwys 5-23 and 14-32

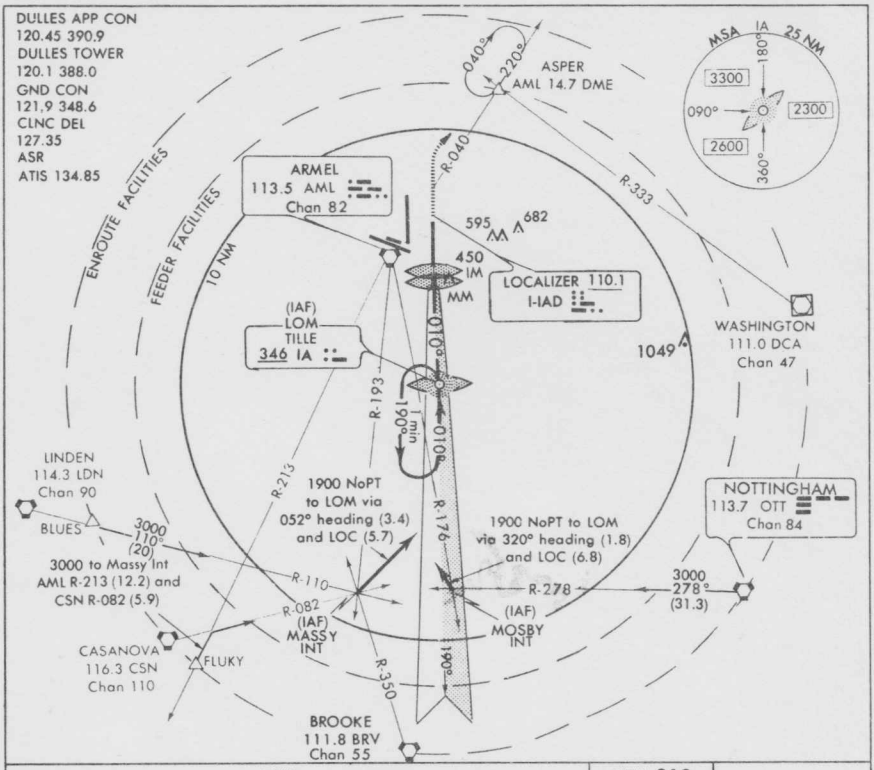
FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

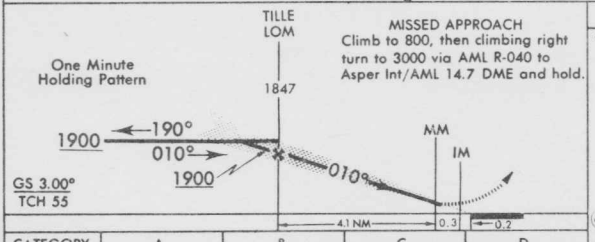
Amdt 17

ILS RWY 1R

AL-5100 (FAA)

WASHINGTON /DULLES INTL (IAD)
WASHINGTON, D.C.





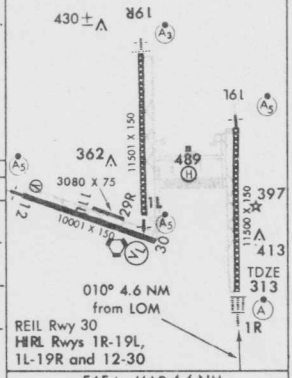
MISSED APPROACH
Climb to 800, then climbing right turn to 3000 via AML R-040 to Asper Int/AML 14.7 DME and hold.

CATEGORY	A	B	C	D
S-ILS 1R	513/18 200 (200-½)			513/20 200 (200-½)
S-LOC 1R	680/24 367 (400-½)			680/40 367 (400-¾)
CIRCLING	800-1 487 (500-1)		820-1½ 507 (600-1½)	880-2 567 (600-2)

Cat. D S-LOC visibility increased to RVR 5000 for inoperative MM.

ELEV 313

TDZ/CL Rwys 1R and 19R



FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

ILS RWY 1R

38°57'N-77°27'W

WASHINGTON, D.C.
WASHINGTON /DULLES INTL (IAD)